

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>
	09/943,888	MANETAKIS, KONSTANTINOS
	Examiner	Art Unit
	Linh V. Nguyen	2819

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to 9/6/05.
2.  The allowed claim(s) is/are 1-17,19-30.
3.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All
  - b)  Some\*
  - c)  None
 of the:
  1.  Certified copies of the priority documents have been received.
  2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.
  - (b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date 9/24/05.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	6. <input checked="" type="checkbox"/> Interview Summary (PTO-413), Paper No./Mail Date <u>9/24/05</u> .
3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date <u>1/28/03,10/20/03</u>	7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment
4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance
	9. <input type="checkbox"/> Other _____.

## **DETAILED ACTION**

1. This office action is in response to RCE filed on 9/6/05. Claims 1, 3, 4, 10, 17, and 19 have been amended. Claims 23 – 30 have been added. Claims 1 – 30 are pending on this application.

### ***Drawings***

2. The drawings filed on 8/30/01 are acceptable subject to correction of the informalities of Fig. 1 - 4. In order to avoid abandonment of this application, the formal drawing is required in reply to the Office action. The correction will not be held in abeyance.

## **EXAMINER'S AMENDMENT**

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Donald C. Kordieh on 9/23/05.

The application has been amended as follows:

Claim 10, on line 13 of the claim, after "control currents" add the following:

- - ; wherein the plurality of MOS transistor devices comprise first, second, third and fourth MOS transistor devices, wherein the first MOS transistor device is coupled

the first control current, the second MOS transistor device is coupled to a current that equals in the sum of the first and second control currents, the third MOS transistor device is coupled to the second control current, and a fourth MOS transistor device is coupled to a bias control current - -

Claim 19, on line 1 of the claim, change "18" to - - 10 - -

Cancel claim 18.

***Allowable Subject Matter***

4. Claims 1 – 17, and 19 – 30 are allowed.

The following is an examiner's statement of reasons for allowance:

With respect to claims 1 and 10, in addition to other elements of translinear loop in each respective claim, the prior art considered individual or in combination, fails to fairly show or suggest a class AB output stage circuit comprising: first, second, third and fourth MOS transistor device configures in a translinear loop; and wherein the first MOS transistor device is coupled the first control current, the second MOS transistor device is coupled to a current that equals in the sum of the first and second control currents, the third MOS transistor device is coupled to the second control current, and a fourth MOS transistor device is coupled to a bias control current.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Prior Art***

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

***Contact Information***

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Linh Van Nguyen whose telephone number is (571) 272-1810. The examiner can normally be reached from 8:30 – 5:00 Monday-Friday. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Robert Pascal can be reached at (571) 272-1769. The fax phone numbers for the organization where this application or proceeding is assigned are (571-273-8300) for regular communications and (571-273-8300) for After Final communications.

9/24/05

Linh Van Nguyen

Art Unit 2819

A handwritten signature in black ink, appearing to read "Linh Van Nguyen".